

NOTES ON NEW AND NOTEWORTHY PLANTS. XXVII

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*CALLICARPA DICHOTOMA* f. *ALBIFRUCTA* Moldenke, f. nov.

Haec forma a forma typica speciei fructibus albis recedit.

This form differs from the typical form of the species in having white fruits.

The type of the form was collected by M. Togasi (no. 1667) in cultivation at Settsu, Yamamoto, Honshiu, Japan, on September 21, 1957, and is deposited in the herbarium of the Naturhistoriska Riksmuseum at Stockholm.

*CITHAREXYLUM ROXANAE* Moldenke, sp. nov.

Frutex insignis, ramis numerosis gracilibus viridibus valde striatis; internodiis elongatis; foliis anguste lanceolatis integerrimis longe acuminatis, ad basin acutis, utrinque gleberrimis; petiolis gracillimis conspicuis glabris; inflorescentiis racemiformibus paucifloris; fructibus globosis carnosis rubris vel subnigris glabris nitidis.

Shrub 1.5--2 m. tall and about 2 m. in diameter, with many slender branches fanning out from the base; branches, branchlets, and twigs slender, virgate, green, prominently longitudinally striate-ribbed, glabrous throughout; principal internodes very greatly elongated, 3--9 cm. long, somewhat lighter-punctulate between the ribs; nodes annulate; leaves decussate-opposite, rather sparse, apparently caducous; leaf-blades turning reddish when falling, light-green or yellowish-green when fresh, thin-chartaceous or submembranous, 3--6 cm. long, 6--15 mm. wide, long-acuminate at the apex, entire, acute at the base, glabrous on both surfaces; petioles very slender, 6--8 mm. long, glabrous; midrib very slender, very slightly prominulous on both surfaces; secondaries 3--5 per side, very slender, obscure above, flat or obscurely prominulous beneath; veinlet reticulation mostly obscure, not at all prominulous; inflorescence axillary, racemiform, the racemes in fruit 3--5 cm. long, rather few-fruited; peduncles very short, green, striate, and glabrous like the twigs; sympodia very short, green, striate, glabrous; fruiting pedicels about 3 mm. long, green, glabrous, subtended by a scale-like prophyllum about 1 mm. long; fruiting-calyx campanulate, about 3 mm. long and 7 mm. wide, irregularly lobed, glabrous; fruit drupaceous, globose, fleshy, maturing through brick-red to almost black, about 9 mm. long and wide when dry, glabrous, shiny.

The type of this most distinctive species was collected by Annetta Carter and Roxana Ferris -- in whose honor it is named -- (no. 4000), growing with low *Alternanthera*, *Mimosa purpurascens*, *Jatropha vernicosa*, *Euphorbia*, and *Aralia scopulorum* on steep north-facing slope near the crest of the ridge, on the south side of Valle de los Encinos (south side of Cerro Giganta), an an al-

titude of about 1050 meters, latitude about  $26^{\circ}3.5'$  N., longitude  $111^{\circ}34'$  W., southern Baja California, Mexico, on March 28, 1960, and is deposited in the herbarium of the University of California at Berkeley.

DURANTA REPENS var. INTEGRIFOLIA (Tod.) Moldenke, comb. nov.

Duranta integrifolia Tod., Nuov. Gen. & Sp. 27. 1858.

LIPPIA ALBA var. CARTERAE Moldenke, var. nov.

Haec varietas a forma speciei typica corollis flavis recedit.

This variety differs from the typical form of the species in having yellow corollas.

The type of the variety was collected by Annetta Carter -- in whose honor it is named -- and Roxana Ferris (no. 3864) in the dry rocky bed of Arroyo Santo Domingo, bordered with Prosopis, Acacia brandegeana, Jatropha cinerea, Lophocereus schottii, Opuntia, and Bumelia, at Rancho El Horno, northeast of San Xavier, Sierra de la Giganta, southern Baja California, Mexico, at an altitude of about 435 meters, latitude about  $25^{\circ}53.25'$  N., longitude  $111^{\circ}33'$  W., on March 17, 1960, and is deposited in the herbarium of the University of California at Berkeley.

VERBENA CAROLINA f. ALBIFLORA Moldenke, f. nov.

Haec varietas a forma typica speciei corollis albis recedit.

This form differs from the typical form of the species in having white corollas.

The type of the form was collected by Stephen S. White (no. 3379) in Cañón de El Temblor, Sonora, Mexico, on August 19, 1940, and is deposited in the herbarium of the University of Michigan at Ann Arbor.

VERBENA LONGIFOLIA f. ALBIFLORA Moldenke, f. nov.

Haec forma a forma typica speciei corollis albis recedit.

This form differs from the typical form of the species in having white corollas.

The type of the form was collected by B. Hallberg (no. 813) along moist clay banks of a drainage area from cleared cornfield among Persia cloud-forests, on the east slopes near Patio de Arena, about 5 km. east of the summit, at about 2900 meters altitude, in the vicinity of Cerro Zampoaltepetl, Oaxaca, Mexico, on August 7, 1950, and is deposited in the herbarium of the University of Michigan at Ann Arbor.

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